

SEP 17 2002

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| FORM PTO-1449                                  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.:<br><b>DX0261K1Q</b>               | SERIAL NO.:<br><b>09/718,102</b> |
| INFORMATION DISCLOSURE STATEMENT<br>FOR PATENT |  | APPLICANT:<br><b>Maria-Grazia RONCAROLO, et al.</b> |                                  |
| (Use several sheets if necessary)              |  | FILING DATE:<br><b>11/20/00</b>                     | GROUP:<br><b>4762 1647</b>       |

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE         | NAME             | CLASS | SUB-<br>CLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|----|--------------------|--------------|------------------|-------|---------------|-------------------------------|
| FH                  | AA | 4,483,920          | 20 Nov<br>84 | Gillespie et al. | 435   | 6             | 17 May 82                     |
| FH                  | AB | 4,559,310          | 17 Dec<br>85 | Cantor et al.    | 436   | 519           | 20 May 83                     |

FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT<br>NUMBER | DATE     | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES | NO |
|----|----|--------------------|----------|---------|-------|---------------|--------------------|----|
| FH | AC | EP 405 980         | 2 Jan 91 | EP      | C12N  | 15/24         | X                  |    |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| FH | AD | Daniel M. Altman, et al., <u>Nature</u> 338:512-514, April 1989.<br>"Cotransfection of ICAM-1 and HLA-DR Reconstitutes Human Antigen-Presenting Cell Function in Mouse L Cells"   |
| FH | AE | Michel Arock, et al., <u>Eur. J. Immunol.</u> 26:166-170, 1996.<br>"Interleukin-10 Inhibits Cytokine Generation from Mast Cells"  |
| FH | AF | Rosa Bacchetta, et al., <u>J. Immunol.</u> 144:902-908, February 1990.<br>"Host-Reactive CD4+ and CD8+ T Cell Clones Isolated from a Human Chimera Produce IL-5, IL-2, IFN- $\gamma$ , and Granulocyte Macrophage Colony Stimulating Factor but Not IL-5" |
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| FH | AI | J.C. Becker, et al. <u>International Immunology</u> , 6(10):1605-12, 1994.<br>"Maintenance of clonal anergy by endogenously produced IL-10"   |
| FH | AJ | Maria-Teresa Bejarano, et al., <u>Int. J. Cancer</u> 35:327-333, 1985.<br>"Effect of Cyclosporin-A (CsA) on the Ability of T Lymphocytes Subsets to Inhibit the Proliferation of Autologous EBV-Transformed B Cells"                                      |
| FH | AK | Maria-Teresa Bejarano, et al., <u>Intl. Immunol.</u> 4:1389-1397, September 1992.<br>"Interleukin 10 Inhibits Allogeneic Proliferative and Cytotoxic T Cell Responses Generated in Primary Mixed Lymphocyte Cultures"                                     |
| FH | AL | Michael Bevan, <u>Immunol. Today</u> 5:128-130, 1984.<br>"High Determinant Density May Explain the Phenomenon of Alloreactivity"  |
| FH | AM | Avilnash Bhandoola, et al., <u>J. Immunol.</u> 151:2355-2367, September 1, 1993.<br>"Reduced CD3-Mediated Protein Tyrosine Phosphorylation in Anergic CD4+ and CD8+ T Cells"  |
| FH | AN | Vassiliki A. Boussiotis, et al., <u>J. Exp. Med.</u> 180:1665-1673, November 1994.<br>"CD2 Is Involved in Maintenance and Reversal of Human Alloantigen-specific Clonal Anergy"   |
| FH | AO | F. Cardillo, et al. <u>European Journal of Immunology</u> , 23:2597-2605, 1993.<br>"An age-related $\gamma\delta$ T cell supressor activity correlates with the outcome of autoimmunity in experimental Trypanosoma cruzi infection"                      |

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| FORM PTO-1449   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |  | ATTY. DOCKET NO.:<br>DX0261K1Q               | SERIAL NO.:<br>09/718,102 |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |    |   |  |  |                           |
|   | AP | Christophe Caux, et al., <u>Int'l. Immunol.</u> 6:1177-1185, 1994.<br>"Interleukin 1 Inhibits T Cell Alloreaction Induced by Human Dendritic Cells"   |  |  |                           |
| FW  | AQ | Andrew C. Chan, et al., <u>Ann. Rev. Immunol.</u> 12:555-592, 1994.<br>"The Role of Protein Tyrosine Kinases and Protein Tyrosine Phosphatases in T Cell Antigen Receptor Signal Transduction"  |  |  |                           |
|   | AR | Chung-Hsing Chang, et al., <u>Eur. J. Immunol.</u> 25:394-398, 1995.<br>"B7-1 Expression of Langerhans Cells Is Up-Regulated by Proinflammatory Cytokines, and Is Down-Regulated by Interferon- $\gamma$ or by Interleukin-10"  |  |  |                           |
|   | AS | Youchai Chen, et al., <u>Nature</u> , 376:177-180, July 13, 1995.<br>"Peripheral Deletion of Antigen-Reactive T Cells in Oral Tolerance"  |  |  |                           |
|   | AT | Youchai Chen, et al., <u>Science</u> 265:1237-1240, August 26, 1995.<br>"Regulatory T Cell Clones Induced by Oral Tolerance: Suppression of Autoimmune Encephalomyelitis"   |  |  |                           |
|   | AU | F.Q. Cunha, et al., <u>Biochem. Biophys. Res. Comm.</u> 182:1155-1159, February 1992.<br>"Interleukin-10 (IL-10) Inhibits the Induction of Nitric Oxide Synthetase by Interferon- $\gamma$ in Murine Macrophages"   |  |  |                           |
|   | AV | Annalisa D'Andrea, et al., <u>J. Exp. Med.</u> 178:1041-1048, September 1993.<br>"Interleukin 10 (IL-10) Inhibits Human Lymphocyte Interferon- $\gamma$ Production by Suppressing Natural Killer Cell Stimulatory Factor/IL-12 Sythesis in Accessory Cells"   |  |  |                           |
|   | AW | Dimuthu R. DeSilva, et al., <u>J. Immunol.</u> 147:3261-3267, November 15, 1991.<br>"Clonal Anergy Is Induced In Vitro by T Cell Receptor Occupancy in the Absence of Proliferation"  |  |  |                           |
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|   | AY | Rene de Waal Malefyt, et al., <u>J. Immunol.</u> 150:4754-4765, June 1, 1993.<br>"Direct Effects of IL-10 on Subsets of Human CD4+ T Cell Clones and Resting T Cells"   |  |  |                           |
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|   | BD | A. Enk, et al. <u>Journal of Experimental Medicine</u> , 179:1397-1402, 1994.<br>"Induction of Hapten-specific Tolerance by Interleukin 10 In Vivo"   |  |  |                           |
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| ✓   | BF | Patrick E. Fields, et al., <u>Science</u> 271:1276-1278, 1996<br>"Blocked Ras Activation in Anergic CD4+ T Cells"   |  |  |                           |
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| FH  | BG   | David F. Fiorentino, et al., <i>J. Exp. Med.</i> 170:2081-2095, December 1989.<br>"Two Types of Mouse T Helper Cell: IV. Th2 Clones Secrete a Factor that Inhibits Cytokine Production by Th1 Clones"   |  |  |                           |
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|   | BI   | Stephen J. Forman, et al., <i>Bone Marrow Transplantation</i> , Blackwell Scientific Publications, Cambridge, MA, Chapter 4, verso and pp. 37-38, 1994.   |  |  |                           |
|   | BJ   | James D. Fraser, et al., <i>Immunol. Today</i> 14:357-362, 1993.<br>"Signal Transduction Events Leading to T-Cell Lymphokine Gene Expression"   |  |  |                           |
|   | BK   | Arnold S. Freedman, et al., <i>J. Immunol.</i> 139:3260-3267, November 1987.<br>"B7, a B Cell-Restricted Antigen that Identifies Preactivated B Cells"  |  |  |                           |
|   | BL   | Ricardo T. Gazzinelli, et al., <i>J. Immunol.</i> 148:1792-1796, 1992.<br>"IL-10 Inhibits Parasite Killing and Nitrogen Oxide Production by IFN-g-Activated Macrophages"  |  |  |                           |
|   | BM   | Ning Fei Go, et al., <i>J. Exp. Med.</i> 172:1625-1631, December 1990.<br>"Interleukin 10, a Novel B Cell Stimulatory Factor: Unresponsiveness of X Chromosome-Linked Immunodeficiency B Cells"   |  |  |                           |
|   | BN   | Hervé Groux, et al., <i>J. Exp. Med.</i> 184:19-29, July 1996.<br>"Interleukin-10 Induces a Long-Term Antigen-Specific Anergic State in Human CD4+ T Cells"   |  |  |                           |
|   | BO   | Clifford V. Harding, et al., <i>Proc. Natl. Acad. Sci.</i> 87:5553-5557, July 1990.<br>"Functional and Ultrastructural Evidence for Intracellular Formation of Major Histocompatibility Complex Class II-Peptide Complexes during Antigen Processing" |  |  |                           |
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|   | BR   | Marc K. Jenkins, <i>Immunol. Today</i> 13:69-73, 1992.<br>"The Role of Cell Division in the Induction of Clonal Anergy"   |  |  |                           |
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|   | BT   | Sang-Mo Kang, et al., <i>Science</i> 257:1134-1138, August 21, 1992.<br>"Transactivation by AP-1 Is a Molecular Target of T Cell Clonal Anergy"   |  |  |                           |
|   | BU   | Jonathan R. Lamb, et al., <i>J. Exp. Med.</i> 157:1434-1447, May 1983.<br>"Induction of Tolerance in Influenza Virus-Immune T Lymphocyte Clones with Synthetic Peptides of Influenza Hemagglutinin"   |  |  |                           |
|   | BV   | Wei Li, et al., <i>Science</i> 271:1272-1276, March 1, 1996.<br>"Blocked Signal Transduction to the ERK and JNK Protein Kinases in Anergic CD4+ T Cells"  |  |  |                           |
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| BZ  | William E. Paul, ed., <i>Fundamental Immunology</i> , 2nd ed., Raven Press, NY, title page, verso, Chapter 1 pp. 15-16, 1989.  |   |  |  |                           |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| FH | CA | Ligia M. T. Peçanha, et al., <u>J. Immunol.</u> 150:3215-3233, April 15, 1993.<br>"IL-10 Inhibits T Cell-Independent but Not T Cell-Dependent Responses in Vitro"  |
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|    | CC | Fred Ramsdell, et al., <u>Science</u> 257:1130-1134, August 21, 1994.<br>"Maintenance of in Vivo Tolerance by Persistence of Antigen"  |
|    | CD | Han-Jurgen Rode, et al., <u>Virus Genes</u> 7:111-116, 1993.<br>"The Genome of Equine Herpesvirus Type 2 Harbors an Interleukin 10 (IL-10)-Like Gene"  |
|    | CE | Maria-Grazia Roncarolo, et al., <u>Bone Marrow Transplantation: Proceedings of Fetal and Neonatal Cell Transplantation and Retroviral Gene Therapy</u> , Vol. 9, Supp. 1:127-128, 1992.<br>"T Cell Repertoire and Tolerance After Fetal Stem Cell Transplantation" |
|    | CF | Maria-Grazia Roncarolo, et al., <u>Journal of Cellular Biochemistry</u> , supp. 16A:214, 1992.<br>"SCID Patients Reconstituted by Fetal Liver Stem Cells: Possible Role of IL-10 in Transplantation Tolerance"   |
|    | CG | Maria Grazia Roncarolo, et al., <u>J. Exp. Med.</u> 167:1523-1534, May 1988.<br>"Alloreactive T Cell Clones Specific for Class I and Class II HLA Antigens Isoated from a Human Chimera"   |
|    | CH | Ronald H. Schwartz, <u>Science</u> 248:1349-1356, June 15, 1990.<br>"A Cell Culture Model for T Lymphocyte Clonal Anergy"  |
|    | CI | Hergen Spits, et al., <u>Int. Arch. Allergy Immunol.</u> 99:8-15, 1992.<br>"Functional Characterization of Human IL-10"  |
|    | CJ | Gen Suzuki, et al., <u>Int'l. Immunol.</u> 7:37-43, 1995.<br>"Impaired CD-28-Mediated Co-Stimulation in Anergic T Cells"   |
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